

EXAMPLE SCENARIO 8

Option 2

TABLE 9.1.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
The Dean Company

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Soil	Soil	Soil at Site 1	4,4'-DDD	5E-08	--	5E-08	--	1E-07	--	--	--	--	--
			4,4'-DDE	1E-06	--	1E-06	--	2E-06	--	--	--	--	--
			4,4'-DDT	5E-06	--	5E-06	--	1E-05	Liver	0.08	--	0.08	0.2
			Aluminum	--	--	--	--	--	Central Nervous System	0.01	--	0.005	0.02
			Manganese	--	--	--	--	--	Central Nervous System	0.002	--	0.004	0.006
			Thallium	--	--	--	--	--	--	--	--	--	--
			Chemical Total	6E-06	--	6E-06	--	1E-05		0.09	--	0.09	0.2
			Radionuclide Total										
			Exposure Point Total					1E-05					0.2
			Exposure Medium Total					1E-05					0.2
Soil Total								1E-05					0.2
Receptor Total								1E-05					0.2

Total Risk Across All Media

1E-05

Total Hazard Across All Media

0.2